

Punctaj Alexandru Popa

PRODUCTIA STIINTIFICA: PERSPECTIVA B

	Conferentiar / CP II	Profesor / CP I
Valori minimale pentru indicatorul B	32 puncte, din care 16 puncte din lucrari de cel putin categoria B	56 puncte, din care 24 puncte din lucrari de categoria A si 16 puncte din lucrari de cel putin categoria B
Punctaj categoria A* + A: 88		
Punctaj categoria B: 58		
Punctaj total: 156.83		

FORMULA DE CALCUL:

$$P = \sum_i^N \frac{S_i}{\max(1, n-2)}$$

Unde S_i reprezinta scorul asociat forumului unde a aparut publicatia, iar n este numarul de autorii ai lucrarii.

Nr.crt.	Articol	Autori	Conferinta/Jurnal	Rang Conf/Jurnal	Punctaj Conf/Jurnal	Nr. Autori	Punctaj
1	A Parameterized Study of Generalized Function and Pattern Matching	Sebastian Ordyniak, Alexandru Popa	Algorithmica 2015, pp. 1-26	A*	12	2	12
2	Algorithmic and Hardness Results for the Colorful Components Problems	Anna Adamaszek, Alexandru Popa	Algorithmica, 2014, pp. 1-8	A*	12	2	12
Total A*							24
3	Better lower and upper bounds for the minimum rainbow subgraph problem	Alexandru Popa	Theoretical Computer Science, Volume 543, 2013, pp. 1-8	A	8	1	8
4	Enumeration of Steiner Triple Systems with Subsystems	Petteri Kaski, Patric R. J. Ostergard, Alexandru	Mathematics of Computation	A	8	3	8

Nr.crt.	Articol	Autori	Conferinta/Jurnal	Rang Conf/Jurnal	Punctaj Conf/Jurnal	Nr. Autori	Punctaj
		Popa					
5	Enumerating Cube Tilings	K. Ashik Mathew, Patric R. J. Ostergard, Alexandru Popa	Discrete and Computational Geometry, Volume 50, Issue 4, pp. 1112-1122	A	8	3	8
6	On the Shannon Capacity of Triangular Graphs	K. Ashik Mathew, Patric R. J. Ostergard, Alexandru Popa	Electronic Journal of Combinatorics, Volume 20, Number 2, 2013 pp. 27	A	8	3	8
7	Synthesizing Minimal Tile Sets for Complex Patterns in the framework of Patterned DNA Self-Assembly	Eugen Czeizler, Alexandru Popa	Theoretical Computer Science, Volume 499, 2013, pp. 23-37	A	8	2	8
8	The Mendelsohn Triple Systems of Order 13	Mahdad Khatirinejad, Patric R. J. Ostergard, Alexandru Popa	Journal of Combinatorial Designs, 2013	A	8	3	8
9	Approximating the Rainbow - Better Lower and Upper Bounds	Alexandru Popa	International Computing and Combinatorics Conference (COCOON) 2012, pp. 193-203	A	8	1	8
10	Approximation and Hardness Results for the Maximum Edge q-Coloring Problem	Anna Adamaszek, Alexandru Popa	International Symposium on Algorithms and Computation (ISAAC) 2010, Part 2, pp. 132-143	A	8	2	8
Total A							64
11	Making "Fast" Atomic Operations Computationally Tractable	Antonio Fernandez Anta, Nicolas Nicolaou, Alexandru Popa	OPODIS 2015	B	4	3	4
12	The Min-Max Edge q-Coloring Problem	Tommi Larjoomaa, Alexandru Popa	Journal of Graph Algorithms and Applications 2015	B	4	2	4
13	Parameterized Complexity of Asynchronous Border Minimization	Robert Ganian, Martin Kronegger, Andreas Pfandler, Alexandru Popa	Theory and Applications of Models of Computation (TAMC) 2015	B	4	4	2
14	Approximation and Hardness Results for the Maximum	Anna Adamaszek, Guillaume Blin,	International Workshop on Combinatorial Algorithms	B	4	3	4

Nr.crt.	Articol	Autori	Conferinta/Jurnal	Rang Conf/Jurnal	Punctaj Conf/Jurnal	Nr. Autori	Punctaj
	Edges in Transitive Closure Problem	Alexandru Popa	(IWOCA) 2014				
15	A Parameterized Study of Generalized Function and Pattern Matching	Sebastian Ordyniak, Alexandru Popa	International Workshop on Parameterized and Exact Computation (IPEC) 2014, pp. 270-281	B	4	2	4
16	The min-max edge q-coloring problem	Tommi Larjomaa, Alexandru Popa	International Workshop on Combinatorial Algorithms (IWOCA) 2014	B	4	2	4
17	Algorithmic and Hardness Results for the Colorful Components Problems	Anna Adamaszek, Alexandru Popa	Latin American Theoretical Informatics Symposium (LATIN) 2014, pp. 683-694	B	4	2	4
18	The 2-Paths Min-Sum Orientation Problem	Trevor Fenner, Oded Lachish, Alexandru Popa	Workshop on Approximation and Online Algorithms (WAOA) 2013, pp 1-11	B	4	3	4
19	Modelling the Power Supply Network - Hardness and Approximation	Alexandru Popa	Theory and Applications of Models of Computation (TAMC) 2013, pp. 62-71	B	4	1	4
20	Synthesizing Minimal Tile Sets for Complex Patterns in the framework of Patterned DNA Self-Assembly	Eugen Czeizler, Alexandru Popa	International Conference on DNA Computing and Molecular Programming (DNA) 2012, pp. 58-72	B	4	2	4
21	On the Closest String via Rank Distance	Liviu Dinu, Alexandru Popa	Combinatorial Pattern Matching (CPM) 2012, pp. 413-426	B	4	2	4
22	Hardness and Approximation of The Asynchronous Border Minimization Problem - (Extended Abstract)	Alexandru Popa, Prudence W.H. Wong, Fencol C.C. Yung	Theory and Applications of Models of Computation (TAMC) 2012, pp. 164-176	B	4	3	4
23	Restricted Common Superstring and Restricted Common Supersequence	Raphael Clifford, Zvi Gotthilf, Moshe Lewenstein, Alexandru Popa	Combinatorial Pattern Matching (CPM) 2011, pp. 467-478	B	4	4	2

Nr.crt.	Articol	Autori	Conferinta/Jurnal	Rang Conf/Jurnal	Punctaj Conf/Jurnal	Nr. Autori	Punctaj	
24	Maximum Subset Intersection	Raphael Clifford, Alexandru Popa	Information Processing Letters, Volume 111, Number 7, 2011, pp. 323-325	B	4	2	4	
25	On Shortest Common Superstring and Swap Permutations	Zvi Gotthilf, Moshe Lewenstein, Alexandru Popa	String Processing and Information Retrieval Symposium (SPIRE) 2010, pp. 270-278	B	4	3	4	
26	Generalised Matching	Raphael Clifford, Aram Wettroth Harrow, Alexandru Popa, Benjamin Sach	String Processing and Information Retrieval Symposium (SPIRE) 2009, pp. 295-301	B	4	4	2	
Total B							58	
27	Explaining a Weighted DAG with Few Paths for Solving Genome-Guided Multiassembly	Alexandru Tomescu, Travis Gagie, Alexandru Popa, Romeo Rizzi, Anna Kuosmanen, Veli Makinen	IEEE/ACM Transactions on Computational Biology and Bioinformatics 2015	C	2	6	0.5	
28	The 2-Paths Min-Sum Orientation Problem	Trevor Fenner, Oded Lachish, Alexandru Popa	Theory of Computing Systems 2014, pp. 1-17	C	2	3	2	
29	(In)approximability Results for Pattern Matching Problems	Raphael Clifford, Alexandru Popa	Prague Stringology Conference (PSC) 2010, pp. 52-62	C	2	2	2	
30	Undecidability Results for Finite Interactive Systems	Alexandru Sofronia, Alexandru Popa, Gheorghe Stefanescu	Romanian Journal of Information Science and Technology (ROMJIST), Volume 12, Number 2, 2009, pp. 265-279	C	2	3	2	
31	Undecidability Results for Finite Interactive Systems	Alexandru Sofronia, Alexandru Popa, Gheorghe Stefanescu	International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC) 2008, pp. 366-369	C	2	3	2	

Nr.crt.	Articol	Autori	Conferinta/Jurnal	Rang Conf/Jurnal	Punctaj Conf/Jurnal	Nr. Autori	Punctaj
32	High-level Structured Interactive Programs with Registers and Voices	Alexandru Popa, Alexandru Sofronia, Gheorghe Stefanescu	Journal of Universal Computer Science (JUCS), Volume 13, Number 11, 2007, pp. 1722-1754	C	2	3	2
33	A Unifying Framework for Interactive Programming and Applications to Communicating Peer-to-peer Systems	Alexandru Popa, Iulia Teodora Banu-Demergian, Camelia Chira, Florian Mircea Boian and Gheorghe Stefanescu	Embracing Global Computing in Emerging Economies (EGC) 2015	D	1	5	0.33
Punctaj total							156.83

IMPACTUL REZULTATELOR: PERSPECTIVA C

	Conferentiar / CP II	Profesor / CP I
Valori minimale pentru indicatorul C	48 puncte, din care 12 puncte in forumuri de minim tip B	120 puncte, din care 40 de puncte in forumuri de minim tip B
Punctaj forumuri rang A* + A: 30+ 100 = 130		
Punctaj forumuri rang B: 132		
Punctaj categoria A + B: 262		
Total punctaj: 300.5		

FORMULA DE CALCUL:

$$C = \sum_{i=1}^N \frac{\sum_{j=1}^{N_i} S_j^i}{\max(1, n_i - 2)}$$

Unde: N – numărul de lucrari citate

n_i - numărul de autori ai lucrării citate

N_i - numărul de citari ale lucrării i

S_j^i - scorul asociat forumului in care apare a j -a lucrare care citeaza lucrarea i .

Nr crt	Articol	Forumul in care apare citarea	Anul aparitiei	Autorii articolelor care citeaza	Pagina	Volum, numar	Rang/punctaj forum	Nr. Autori art. citat	Punctaj
Better lower and upper bounds for the minimum rainbow subgraph problem / A. Popa									
1	The Parameterized Complexity of the Rainbow Subgraph Problem	WG 2014	2014	Falk Hüffner, Christian Komusiewicz, Rolf Niedermeier, Martin Röttschke	287-298	Volum 8747, seria Lecture Notes in Computer Science	A/8	1	8
2	Revisiting a randomized algorithm for the minimum rainbow subgraph problem	Theoretical Computer Science	2015	Chen Yuan, Haibin Kan	154-159	Volum 593	A/8	1	8
3	The Parameterized Complexity of the Rainbow Subgraph Problem	Algorithms 2015	2015	Falk Hüffner, Christian Komusiewicz, Rolf Niedermeier, Martin Röttschke	60-81	Volum 8 (1)	D/1	1	1
A parameterized study of maximum generalized pattern matching problems / S. Ordyniak, A. Popa									
4	Pattern Matching with Variables: Fast	STACS 2015	2015	Henning Fernau, Florin Manea,	302-315	Volum 30	B/4	2	4

Nr crt	Articol	Forumul in care apare citarea	Anul aparitiei	Autorii articolelor care citeaza	Pagina	Volum, numar	Rang/punctaj forum	Nr. Autori art. citat	Punctaj
	Algorithms and New Hardness Results			Robert Mercas, Markus L. Schmid					
Min-sum 2-paths problems / T. Fenner, O. Lachish, A. Popa									
5	Shortest two disjoint paths in polynomial time	Automata, Languages, and Programming	2014	Andreas Björklund, Thore Husfeldt	211-222	Volume 8572, seria Lecture Notes in Computer Science	A/8	3	8
6	Disjoint Paths in networks	Wiley Encyclopedia of Electrical and Electronics Engineering	2014	F. Iqbal, F.A. Kuipers			D/1	3	1
The Mendelsohn triple systems of order 13 / M. Khatirinejad, P.R.J. Östergård, A. Popa									
7	Triple systems and binary operations	Discrete Mathematics	2014	A Drápal, T.S. Griggs, A.R. Kozlik	1 - 11	Volum 325	B/4	3	4
Enumerating cube tilings / K.A. Mathew, P.R.J. Östergård, A. Popa									
8	Hypercube packings and their holes	Congress Numerantium	2014	KA Mathew, P.R.J. Östergård	89-95	Volume 219	C/2	3	2
9	On hypercube packings, blocking sets and a covering problem	Information Processing Letters	2015	K. Ashik Mathew, P.R.J. Östergård	141-145	Volum 115, Issue 2	B/4	3	4
10	New results on torus cube packings and tilings	Proceedings of the Steklov Institute of Mathematics	2015	Mathieu Dutour Sikirić, Yoshiaki Itoh	243-246	Volum 288, Issue 1	C/2	3	2
On the Shannon Capacity of Triangular Graphs / A.M. Kizhakkapallathu, P.R.J Östergård, A. Popa									
11	A survey on known values and bounds on the Shannon capacity	Selected Topics in Modern Mathematics	2014	Marcin Jurkiewicz					
12	Lattice packings by clusters of cubes in coding theory	Fourteenth International Workshop on Algebraic and Combinatorial Coding Theory	2014	Ulrich Tamm	313-318				

Nr crt	Articol	Forumul in care apare citarea	Anul aparitiei	Autorii articolelor care citeaza	Pagina	Volum, numar	Rang/punctaj forum	Nr. Autori art. citat	Punctaj
Synthesizing minimal tile sets for complex patterns in the framework of patterned DNA self-assembly / E. Czeizler, A. Popa									
13	Design of a Minimal System for Self-replication of Rectangular Patterns of DNA Tiles	Theory and Practice of Natural Computing	2014	Vinay K. Gautam, Eugen Czeizler, Pauline C. Haddow, Martin Kuiper	119-133	Volume 8890, seria Lecture Notes in Computer Science	C/2	2	2
14	The PATS Problem: Search Methods and Reliability	Master Thesis	2015	Lempiäinen Tuomo			D/1	2	1
15	Fault Tolerant Design and Analysis of Carbon Nanotube Circuits Affixed on DNA Origami Tiles	IEEE Transactions on Nanotechnology	2015	Czeizler, E., Orponen, P.		Volum14, Issue 5	D/1	2	1
Modelling the Power Supply Network–Hardness and Approximation / A. Popa									
16	Partitioning of supply/demand graphs with capacity limitations: an ant colony approach	Journal of Combinatorial Optimization	2015	Raka Jovanovic, Abdelkader Boussehlam, Stefan Voß	1 - 26		B/4	1	4
17	Parameterized minimum cost partition of a tree with supply and demand	Frontiers in Algorithmics	2015	Mugang Lin, Wenjun Li, Qilong Feng	180-189	Volume 9130, seria Lecture Notes in Computer Science	B/4	1	4
18	A mixed integer program for partitioning graphs with supply and demand emphasizing sparse graphs	Optimization Letters	2015	R. Jovanovic, S. Voß	1 - 11		B/4	1	4
On the closest string via rank distance / L.P. Dinu, A. Popa									
19	An Efficient Rank Based Approach for Closest String and Closest Substring	PLoS ONE	2012	Liviu P. Dinu, Radu Ionescu			A/8	2	8
20	Clustering based on Rank Distance with Applications on DNA	Neural Information Processing	2012	Liviu Petrisor Dinu, Radu Tudor Ionescu	722-729	Volume 7667, seria Lecture Notes in Computer Science	A/8	2	8

Nr crt	Articol	Forumul in care apare citarea	Anul aparitiei	Autorii articolelor care citeaza	Pagina	Volum, numar	Rang/punctaj forum	Nr. Autori art. citat	Punctaj
21	An Efficient Two-Phase Ant Colony Optimization Algorithm for the Closest String Problem	Simulated Evolution and Learning	2012	Hoang Xuan Huan, Dong Do Duc, Ngu yen Manh Ha	188-197	Volume 7673, seria Lecture Notes in Computer Science	B/4	2	4
22	An efficient algorithm for rank distance consensus	AI*IA 2013: Advances in Artificial Intelligence	2013	Liviu P. Dinu, Radu Tudor Ionescu	505-516	Volume 8249 of the series Lecture Notes in Computer Science	C/2	2	2
23	Multivariate algorithmics for NP-hard string problems	Bulletin of EATCS	2014	Laurent Bulteau, Falk Hüffner, Christian Komusiewicz, Rolf Niedermeier			D/1	2	1
24	Clustering based on median and closest string via rank distance with applications on DNA	Neural Computing and Applications	2014	Liviu P. Dinu, Radu Tudor Ionescu	77-84	Volum 24, Issue 1	B/4	2	4
25	Listing Center Strings Under the Edit Distance Metric	Combinatorial Optimization and Applications	2015	H. Maji, T. Izumi	771-782	Volum 9486, seria Lecture Notes in Computer Science	B/4	2	4
Synthesizing minimal tile sets for complex patterns in the framework of patterned DNA self-assembly / Eugen Czeizler, Alexandru Popa									
26	One-dimensional staged self-assembly	DNA Computing and Molecular Programming	2011	Erik D. Demaine, Sarah Eisenstat, Mas hhood Ishaque, Andrew Winslow	100-114	Volum 6937, seria Lecture Notes in Computer Science	B/4	2	4
27	Combinatorial optimization in pattern assembly	Unconventional Computation and Natural Computation	2013	Shinnosuke Seki	220-231	Volume 7956, seria Lecture Notes in Computer Science	C/2	2	2
28	3-Color Bounded Patterned Self-assembly	DNA Computing and Molecular Programming	2013	Lila Kari, Steffen K opecki, Shinnosuke Seki	105-117	Volum 8141, seria Lecture Notes in Computer Science	B/4	2	4
29	Computing Minimum Tile Sets to Self-Assemble	Algorithms and Computation	2013	Aleck C. Johnsen, Ming-Yang Kao,	699-710	Volum 8283, seria Lecture Notes in	A/8	2	8

Nr crt	Articol	Forumul in care apare citarea	Anul aparitiei	Autorii articolelor care citeaza	Pagina	Volum, numar	Rang/punctaj forum	Nr. Autori art. citat	Punctaj
	Color Patterns			Shinnosuke Seki		Computer Science			
30	One-dimensional staged self-assembly	Natural Computing	2013	Erik D. Demaine, Sarah Eisenstat, Mas hhood Ishaque, Andrew Winslow	247-258	Volum 12, Issue 2	B/4	2	4
31	Staged Self-assembly and Polyomino Context-Free Grammars	DNA Computing and Molecular Programming	2013	Andrew Winslow	174-188	Volum 8141, seria Lecture Notes in Computer Science	B/4	2	4
32	Hypergraph Automata: A Theoretical Model for Patterned Self-assembly	Unconventional Computation and Natural Computation	2013	Lila Kari, Steffen Kopecki, Amirhossein Simjour	125-137	Volum 7956 of the series Lecture Notes in Computer Science	C/2	2	2
33	An introduction to tile-based self-assembly and a survey of recent results	Natural Computing	2014	Matthew J. Patitz	195-224	Volum 13, Issue 2	B/4	2	4
34	Search methods for tile sets in patterned DNA self-assembly	Journal of Computer and System Sciences	2014	Mika Göös ¹ , Tuomo Lempiäinen ² , Eugen Czeizler, Pekka Orponen	297-319	Volum 80, Issue 1	A*/12	2	12
35	Hypergraph automata: a theoretical model for patterned self-assembly	International Journal of Foundations of Computer Science	2014	Lila Kari, Steffen Kopecki, Amirhossein N. Simjour		Volum 25, Issue 04	B/4	2	4
36	Patterned Self-Assembly Tile Set Synthesis	Encyclopedia of Algorithms	2015	Shinnosuke Seki	1 - 4		D/1	2	1
Approximating the Rainbow–Better Lower and Upper Bounds, A Popa									
37	On the Approximability of the Minimum Rainbow Subgraph Problem and Other Related Problems	Algorithms and Computation	2015	Sumedh Tirodkar, Sundar Vishwanathan	106-115	Volum 9472, seria Lecture Notes in Computer Science	A/8	1	8
Maximum subset intersection / Raphaël Clifford, Alexandru Popa									
38	Towards feasible	Network Computing	2011	Georgiou,	75 - 82		A/8	2	8

Nr crt	Articol	Forumul in care apare citarea	Anul aparitiei	Autorii articolelor care citeaza	Pagina	Volum, numar	Rang/punctaj forum	Nr. Autori art. citat	Punctaj
	implementations of low-latency multi-writer atomic registers	and Applications (NCA), 2011 10th IEEE International Symposium		C. Nicolaou, N., Russell, A.C., Shvartsman, A.A.					
39	A note on a Maximum k-Subset Intersection problem	Information Processing Letters	2012	Nicolaou, N., Russell, A.C., Shvartsman, A.A.	471–472	Volum 112, Issue 12	B/4	2	4
40	On the inapproximability of maximum intersection problems	Information Processing Letters	2012	Min-Zheng Shieh, Shi-Chun Tsai, Ming-Chuan Yang	723–727	Volum 112, Issue 19	B/4	2	4
41	A system for behavior prediction based on neural signals	Neurocomputing	2012	Jacob Mathew, Laxmikanta Sahoo, Goutam Saha	214–222	Volum 97	B/4	2	4
42	Property directed reachability for automated planning	Journal of Artificial Intelligence Research	2014	Martin Suda	265-319	Volum 50 Issue 1	A/8	2	8
43	Finding optimal solutions for voting game design problems	Journal of Artificial Intelligence Research	2014	B. de Keijzer, T. B. Klos and Y. Zhang	105-140	Volum 50	A/8	2	8
44	Reducing Redundant Information in Search Results Employing Approximation Algorithms	Database and Expert Systems Applications	2014	Christos Makris, Yannis Plegas, Yannis C. Stamatiou, Elias C. Stavropoulos	240-247	Volum 8645, seria Lecture Notes in Computer Science	B/4	2	4
45	Resolution-based methods for linear temporal reasoning	master thesis	2015	M. Suda			D/1	2	1
46	Algorithms and Software for PCR Primer Design	PhD thesis	2015	Y.T. Huang			D/1	2	1

Restricted common superstring and restricted common supersequence, Raphaël Clifford, Zvi Gotthilf, Moshe Lewenstein, Alexandru Popa

Nr crt	Articol	Forumul in care apare citarea	Anul aparitiei	Autorii articolelor care citeaza	Pagina	Volum, numar	Rang/punctaj forum	Nr. Autori art. citat	Punctaj
47	Weighted shortest common supersequence	String Processing and Information Retrieval	2011	Amihood Amir, Zvi Gotthilf, B. Riva Shalom	44-54	Volum 7024, seria Lecture Notes in Computer Science	B/4	4	2
48	Restricted and swap common superstring: a parameterized view	Parameterized and Exact Computation	2012	Paola Bonizzoni, Riccardo Dondi, Giancarlo Mauri, Italo Zoppis	49-60	Volum 7535, seria Lecture Notes in Computer Science	B/4	4	2
49	On the Complexity of the Swap Common Superstring Problem	Italian Conference on Theoretical Computer Science	2012	P. Bonizzoni, R. Dondi, G. Mauri, I. Zoppis			C/2	4	1
50	The constrained shortest common supersequence problem	Journal of Discrete Algorithms	2013	Riccardo Dondi	11–17	Volum 21	B/4	4	2
51	Restricted common superstrings	Applied Mathematical Sciences	2013	Gorbenko, A.Popov, V.	2335-2339	Volum 7	C/2	4	1
52	Quick greedy computation for minimum common string partition	Theoretical Computer Science	2014	I. Goldstein, M. Lewenstein	98–107	Volum 542	A/8	4	4
53	Restricted and swap common superstring: A multivariate algorithmic perspective	Algorithmica	2014	Paola Bonizzoni, Riccardo Dondi, Giancarlo Mauri, Italo Zoppis	914-939	Volum 72, Issue 4	A*/12	4	6
54	Multivariate algorithmics for NP-hard string problems	Bulletin of EATCS	2014	L. Bulteau, F. Hüffner, C. Komusiewicz, R. Niedermeier			D/1	4	0.5
55	On the greedy algorithm for the Shortest Common Superstring problem with reversals	Information Processing Letters	2016	Gabriele Fici, Tomasz Kociumaka, Jakub Radoszewski, Wojciech Rytter,	245–251	Volum 116, Issue 3	B/4	4	2

Nr crt	Articol	Forumul in care apare citarea	Anul aparitiei	Autorii articolelor care citeaza	Pagina	Volum, numar	Rang/punctaj forum	Nr. Autori art. citat	Punctaj
				Tomasz Waleń					
Approximation and hardness results for the maximum edge q-coloring problem / Anna Adamaszek, Alexandru Popa									
56	On the Parameterized Complexity of the Maximum Edge 2-Coloring Problem	Mathematical Foundations of Computer Science	2013	Prachi Goyal, Vikram Kamat, Neeldhar a Misra	492-503	Volum 8087 of the series Lecture Notes in Computer Science	A/8	2	8
On shortest common superstring and swap permutations / Zvi Gotthilf, Moshe Lewenstein, Alexandru Popa									
57	Restricted and Swap Common Superstring: A Parameterized View	Parameterized and Exact Computation	2012	Paola Bonizzoni, Riccardo Dondi, Giancarlo Mauri, Italo Zoppis	49-60	Volum 7535, seria Lecture Notes in Computer Science	B/4	3	4
58	The swap common superstring problem	Applied Mathematical Sciences	2013	A Gorbenko, V Popov	2335-2339	Volum 7	C/2	3	2
59	The constrained shortest common supersequence problem	Journal of Discrete Algorithms	2013	Riccardo Dondi	11-17	Volum 21	B/4	3	4
60	Quick greedy computation for minimum common string partition	Theoretical Computer Science	2014	Isaac Goldstein, Moshe Lewenstein	98-107	Volum 542	A/8	3	8
61	Restricted and swap common superstring: A multivariate algorithmic perspective	Algorithmica	2014	Paola Bonizzoni, Riccardo Dondi, Giancarlo Mauri, Italo Zoppis	914-939	Volum 72, Issue 4	A*/12	3	12
62	Multivariate algorithmics for NP-hard string problems	Bulletin of EATCS	2014	L. Bulteau, F. Hüffner, C. Komusiewicz, R. Niedermeier			D/1	3	1
63	On the greedy algorithm for the Shortest Common Superstring problem with reversals	Information Processing Letters	2016	Gabriele Fici, Tomasz Kociumaka, Jakub Radoszewski, Wojc	245-251	Volum 116, Issue 3	B/4	3	4

Nr crt	Articol	Forumul in care apare citarea	Anul aparitiei	Autorii articolelor care citeaza	Pagina	Volum, numar	Rang/punctaj forum	Nr. Autori art. citat	Punctaj
				iech Rytter, Tomasz Waleń					
64	On the Complexity of the Swap Common Superstring Problem	Italian Conference on Theoretical Computer Science		P. Bonizzoni, R. Dondi, G. Mauri, I. Zoppis			C/2	3	2
Generalised matching / R. Clifford, A.W. Harrow, A. Popa, B. Sach									
65	Approximate function matching under δ - and γ -distances	String Processing and Information Retrieval	2012	Juan Mendivelso, Inbok Lee, Yoan J. Pinzón	348-359	Volum 7608, seria Lecture Notes in Computer Science	B/4	4	2
66	On the membership problem for pattern languages and related topics	PhD thesis	2012	M.L. Schmid			D/1	4	0.5
67	Patterns with bounded treewidth	internal report	2012	D. Reidenbach, M.L. Schmid			D/1	4	0.5
68	On the Parameterised Complexity of String Morphism Problems	Foundations of Software Technology and Theoretical Computer Science	2013	H Fernau, ML Schmid, Y Villanger			B/4	4	2
69	A note on the complexity of matching patterns with variables	Information Processing Letters	2013	Markus L. Schmid	729-733	Volum 113, Issues 19-21	B/4	4	2
70	Patterns with bounded treewidth	Information and Computation	2014	Daniel Reidenbach, Markus L. Schmid	87-99	Volum 239	B/4	4	2
71	Pattern matching with variables: A multivariate complexity analysis	Information and Computation	2015	Henning Fernau, Markus L. Schmid	287-305	Volum 242	B/4	4	2
72	Pattern Matching with Variables: Fast Algorithms and New Hardness Results}}	STACS 2015	2015	Fernau Henning, Manea Florin, Mercas Robert, Schmid Markus L.	302-315	Volum 30	B/4	4	2

Nr crt	Articol	Forumul in care apare citarea	Anul aparitiei	Autorii articolelor care citeaza	Pagina	Volum, numar	Rang/punctaj forum	Nr. Autori art. citat	Punctaj
Undecidability results for finite interactive systems / Alexandru Sofronia, Alexandru Popa, Gheorghe Stefanescu									
73	Refinement-Preserving Translation from Event-B to Register-Voice Interactive Systems	Integrated Formal Methods	2012	Denisa Diaconescu, Ioana Leustean, Luigia Petre, Kaisa Sere, Gheorghe Stefanescu	221-236	Volum 7321, seria Lecture Notes in Computer Science	B/4	3	4
74	A new representation of two-dimensional patterns and applications to interactive programming	Fundamentals of Software Engineering	2013	I.T. Banu-Demergian, C.I. Paduraru, G. Stefanescu	183-198	Volum 8161, seria Lecture Notes in Computer Science	C/2	3	2
75	Towards a formal representation of interactive systems	Journal Fundamenta Informaticae	2014	Iulia Teodora Banu-Demergian, Gheorghe Stefanescu	313-336	Volum 131 Issue 3-4	B/4	3	4
76	A Quest for Kleene Algebra in 2 Dimensions	Relational and Algebraic Methods in Computer Science	2015	G. Stefanescu	3 - 26	Volum 9348, seria Lecture Notes in Computer Science	C/2	3	2
High-level Structured Interactive Programs with Registers and Voices / Alexandru Popa, Alexandru Sofronia, Gheorghe Stefanescu									
77	AGAPIA v0. 1: A programming language for interactive systems and its typing system	Electronic Notes in Theoretical Computer Science	2008	Cezara Dragoi, Gheorghe Stefanescu	69-94	Volum 203, Issue 3,	C/2	3	2
78	On compiling structured interactive programs with registers and voices	SOFSEM 2008: Theory and Practice of Computer Science	2008	Cezara Dragoi, Gheorghe Stefanescu	259-270	Volum 4910, seria Lecture Notes in Computer Science	B/4	3	4
79	On spatio-temporal logics for the verification of structured interactive programs with registers and voices	WADT 2008 Preliminary Proceedings	2008	Cezara Dragoi, Gheorghe Stefanescu			B/4	3	4
80	Refinement-preserving translation from event-B	Integrated Formal Methods	2012	Denisa Diaconescu, Ioana Leustean,	221-236	Volum 7321, seria Lecture Notes in	B/4	3	4

Nr crt	Articol	Forumul in care apare citarea	Anul aparitiei	Autorii articolelor care citeaza	Pagina	Volum, numar	Rang/ punctaj forum	Nr. Autori art. citat	Punctaj
	to register-voice interactive systems			Luigia Petre, Kaisa Sere, G. Stefanescu		Computer Science			
81	Refinement of Structured Interactive Systems	Theoretical Aspects of Computing – ICTAC 2014	2014	Denisa Diaconescu, Luigia Petre, Kaisa Sere, G. Stefanescu	133-150	Volum 8687, seria Lecture Notes in Computer Science	B/4	3	4
82	Dataflow programming using AGAPIA	Parallel and Distributed Computing (ISPD), 2014 IEEE 13th International Symposium	2014	Paduraru, C.I.	87 - 94		C/2	3	2
83	A Quest for Kleene Algebra in 2 Dimensions	Relational and Algebraic Methods in Computer Science	2015	G. Stefanescu	3 - 26	Volum 9348, seria Lecture Notes in Computer Science	C/2	3	2
Punctaj total									300.5

PERFORMANTA ACADEMICA: PERSPECTIVA D

	Conferentiar / CP II	Profesor / CP I
Valori minime pentru perspectiva D	36 puncte	60 puncte
Total punctaj: 102.5		

GRANTURI (V)

Nr. Crt.	Grant	Valoare	Punctaj
1	Nazarbayev University Social Policy Grant - March 2015 (director)	2 000 000 KZT ≈ 10 000 EUR	2
2	Biocentrum Helsinki: Connecting Aalto University and University of Helsinki Scientists research grant	5.000 EUR	2

Nr. Crt.	Grant	Valoare	Punctaj
	- joint with Elodie Renvoise - 13 December 2012 (director)		
3	PhD Bristol University, UK (membru)	200.000 EUR	4
4	Travel grant to attend the 12th Max Planck Advanced Course on the Foundations of Computer Science, Saarbrucken, Germany, 29 August - 2 September, 2011	< 50.000	1
5	SIGACT Travel Grant to attend STOC 2011, San Jose, California, 6 - 8 June 2011	< 50.000	1
6	Postgraduate Travel Grant awarded by the Alumni Foundation, University of Bristol, 25 November 2010	< 50.000	1
7	Yahoo! Research student support to attend SPIRE 2010, Los Cabos, Mexico, 11-13 October 2010	< 50.000	1
8	Studentship to attend the DIMAP Workshop on Extremal and Probabilistic Combinatorics, Petersfield, Hampshire, England, 18-25 July 2010	< 50.000	1
9	Fellowship to attend 26th Annual British Colloquium on Theoretical Computer Science (BCTCS 2010), Edinburgh, 6-9 April 2010	< 50.000	1
10	Fellowship to attend 25th Annual British Colloquium on Theoretical Computer Science (BCTCS 2009), Warwick, 6-9 April 2009	< 50.000	1
Total punctaj			15

MEMBRU IN COMITETE STIINTIFICE SI COMISII DE CERCETARE (VI)

Nr. Crt.	Comitet	Punctaj
1	Program committee member, 16th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing (SYNASC 2014), Timisoara, Romania, September 22 - September 25, 2014	1
2	Program committee member, The Fifth International Conference on Future Computational Technologies and Applications (FUTURE COMPUTING 2013), Valencia, Spain, May 27 - June 1, 2013	0.5
3	Program committee member, The Fifth International Conference on Creative Content Technologies (CONTENT 2013), Valencia, Spain, May 27 - June 1, 2013	0.5
4	Program committee member, The Fourth International Conference on Creative Content Technologies (CONTENT 2012), Nice, France, July 22-27, 2012	0.5
Total punctaj		2.5

ORGANIZARE EVENIMENTE STIINTIFICE (VII)

Nr. Crt.	Eveniment	Punctaj
1	Organizing committee member, The Third Algebra Across the Borders Workshop, Astana & Almaty, Kazakhstan 8 - 13 September 2015	1
Total punctaj		1

INVITED SPEAKER universitate (VIII)

Nr. Crt.	Talk	Universitate	Rang Universitate	Punctaj
1	The Maximum Generalized Pattern Matching Problem	University of Copenhagen. Denmark, 15 October 2015	16	12
2	Algorithmic and Hardness Results for the Colorful Components Problems	Vienna University of Technology. Austria, 4 July 2015	197	4
3	Overview of problems and algorithms in stringology	Bioinformatics summer school <i>Theoretical and practical aspects of processing and analysis of sequencing data</i> , Brno, Czech Republic, 4-7 June 2014.		4
4	Generalized Function Matching	Vienna University of Technology, 8 May 2014	197	4
5	Power of approximation algorithms	Masaryk University, Brno, Czech Republic, 29 April 2014	489	2
6	Min-Sum 2-Paths Problems	University of Helsinki, Helsinki, Finland, 28 November 2013	71	8
7	The Border Minimization Problem	Comenius University, Bratislava, Slovakia, 11 October, 2013	494	2
8	The maximum edge q-coloring problem	Masaryk University, Brno, Czech Republic, 16 January, 2013	489	2
9	The Asynchronous Border Minimization Problem	Marne-la-Vallee University, Champs-sur-Marne, France, 2 October, 2012	1277	1
10	The maximum edge q-coloring problem	University of Helsinki, Helsinki, Finland, 2 December, 2011	71	8
11	The maximum edge q-coloring problem.	University of Liverpool, Liverpool, UK, 17 March, 2011	134	4
12	Approximation and hardness results for the maximum edge q-coloring problem	KTH Royal Institute of Technology, Stockholm, Sweden, 24 September, 2010	92	8
Total punctaj				59

INVITED SPEAKER institut (VIII)

Nr. Crt.	Talk	Institut
1	The Maximum Edge q-coloring Problem	IMDEA. Madrid, Spain, 24 June 2015
2	AGAPIA: A unifying framework for interactive programming	A.P. Ershov Institute of Informatics Systems. Novosibirsk, Russia, 26 March 2015
3	Algorithmic and Hardness Results for the Colorful Components Problems	Sobolev Institute of Mathematics. Novosibirsk, Russia, 25 March 2015
4	The Asynchronous Border Minimization Problem	MPI, Saarbrucken, Germany, 16 July, 2013

ACADEMIC VISITS (IX)

Nr. Crt.	Profesor/cercetător asociat/visiting	Rang	Punctaj
1	Assistant professor Masaryk Univ 15 luni	366	2 x 15
2	Assistant professor Nayzarbayev Univ 12 luni	>500	1 x 12
Total punctaj, max. 24 puncte			24

COMISIE DE EVALUARE DOCTORAT (XI)

Nr. Crt.	Comisie de indrumare doctorat	Punctaj
1	K. Ashik Mathew, Aalto University, doctoral student (co-supervisor)	1
Total punctaj		1

TOTAL PUNCTAJ INDICATOR D 102.5